

# Product data sheet

MINICOOL BOLLARD WOOD H 220MM

L.9236N

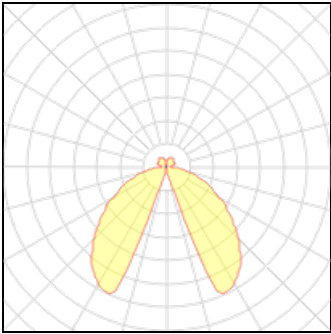
SIMES



Version is available on request. GARDEN BOLLARD MINI-COOL BOLLARD WOOD H. 220mm L.9236N module LED 4000K 100-264Vac ON-OFF  
Rated module luminous flux:: 1751lm Rated luminaire luminous flux: : 527lm Rated module power: : 11.1W Rated luminaire power: : 12.5W  
Luminaire efficacy: : 42lm/W Voltage (AC): : 100-264Vac Frequency (AC): : 50/60Hz Voltage (DC): : 176-264Vdc Dimmable: : NOT DIMMABLE  
(ON-OFF) Electrical insulation class: : II Protection class IP: : IP54 Mechanical resistance: : IK06 CE ENEC SPECIAL VERSION ON REQUEST: this  
Luminaires can be supplied with a surcharge in class III (without power supply). Requires working remote power supply in constant current at  
500mA V<sub>fmin</sub>=18.2Vdc V<sub>fmax</sub>=23.8Vdc. Example SIMES compatible power supplies (check the complete list of the drivers on the catalogue):  
Art. S.2438 POWER SUPPLY 230V/250mA-700mA 20W o 230Vac/24Vdc 16W 240Hz DALI DIMMABLE IN BOX IP67 Art. S.3426 POWER  
SUPPLY DALI MULTI-POWER 230V/250mA-700mA o 230V/24V 16W 240Hz IP20 NB: Use 1 Power Supply for each Luminaires LUMINAIRE  
TYPE Bollard fitting. IP rating IP 54 MATERIAL CHARACTERISTICS Aluminium die cast housing in EN AB-47100 (low copper content) with  
high resistance against corrosion. Extruded EN AW-6060 aluminium structure (bollard version) with high corrosion resistance. Oiled TEAK  
wood finish 8mm thick. Stone wash surface treatment prior to painting process. A4 grade Stainless Steel screws with 2,5-3% molybdenum  
content which increases the resistance against corrosion. Silicone gaskets. Painting Process : 3 Step Process 1) Surface treatment with  
BONDERITE. A heavy metal free chemical surface treatment containing ceramic nano particles giving a cohesive, inorganic and highly dense  
protective coating. 2) PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also  
offers very high resistance to oxidation due to its Zinc content. 3) POLYMERIZATION a process with the application of polyester powder with  
high resistance against UV rays and harsh weather conditions. Resistance test protection for Marine applications for 1200h. Mechanical  
resistance IK 06 LIGHTING PERFORMANCE Toughened glass diffuser. LOR --. Colour rendering index CRI 80, Colour stability step 3. WIRING  
Luminaire hard wired with single neoprene cable. (with cable gland Bollard versions). MAINTENANCE Garden mounted fixtures are to be  
installed and used with the ground stake accessory or cemented root flange. These cannot be installed directly to the ground or cement bases  
without the relative accessories because the contact between the two different materials may lead to an accelerated process of oxidation of  
the fixture. The wiring of the fixtures must strictly respect the specifications. Where not provided by the fixture loop in /out or through wiring  
will cause infiltration of humidity and if in contact with the cables this may lead to an accelerated process of oxidation. This luminaire has been  
manufactured with hand crafted procedures, therefore small imperfections, subsidence of the wood surface, actual cracks and future, colour  
ripples and variations over time, are deliberately present and they are a feature of the wood, proving the hand-made manufacturing procedure.  
Isolation: CLASS II . Available colours: White (cod.01), Burnished bronze (cod.20). Weight: 1.89 Kg Glow Wire test: -- LED module included  
LOOK and COOL WOOD PATENTED This luminaire contains built-in LED modules. In case of damage or malfunction please contact the  
manufacturer to receive additional instructions on how to replace and relative spare parts to order. The LED modules cannot be handled in the  
luminaire by the end user. This product contains a light source of energy efficiency class: E. LED modules are engineered accordingly to the  
existing regulations of Lumen Maintenance (LM80) and Technical Memorandum (TM21), where uniformity and quality of the light is 70,000  
hours referred to L80 B10 Ta 25 ° C (50,000 hours referable to L80 B10 Ta 40°C). Lifespan of the luminaire min. 50,000 hours at 40°C.  
Performance Ambient temperature T<sub>q</sub> 25°C. Operating ambient temperature range is from -20°C to +50°C. Storage temperature range from -  
20°C to +60°C. ELECTRONIC EQUIPMENT SENSITIVE TO OVERVOLTAGE. We recommend installing surge protection devices ?SPD? in the  
electrical system. Protection devices prevent the intensity of these phenomena?s, protecting the appliances from the risk of being damaged  
and extending the lifespan. Outdoor luminaires are subject to all types of permanent, temporary, or transient electrical disturbances. Such  
disturbances can create permanent damage or failure affecting its performance and durability. The surge protection device (supplied by  
SIMES) is utilized to limit the destructive effect of these phenomena. We suggest that each luminaire must be connected to one protection  
device at not more than 10m away. For correct coordination of the protections, a surge protection device must also be provided inside the  
electrical panel of the system (the selection of this device must be carried out from the electrical designer and is not supplied by SIMES).



Light output 1 (integrated)



Lamp type		CCT	3000 K
Nominal lamp power	12.5 W	CRI	90
Total flux	527 lm	LOR	100%
Luminous efficacy	42 lm/W	ULOR	13%
		Total power	12.5 W

Mounting mode

Standing / Bollard

Shape and measurements

Height: 8.54 in  
Diameter: 8.66 in

Adjustability

Fixed

Electric

System power: 12.5 W  
Appliance Class: II

Protection

IP: 54  
IK: 06